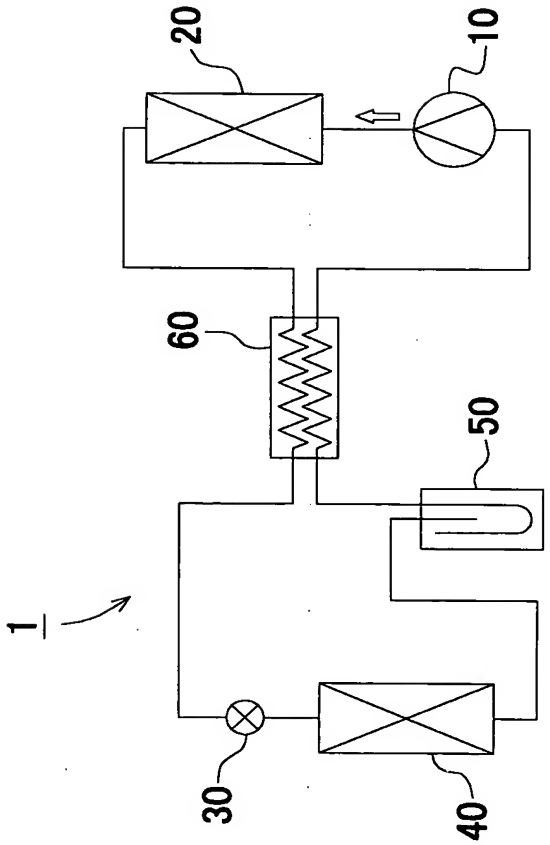

FIG.1

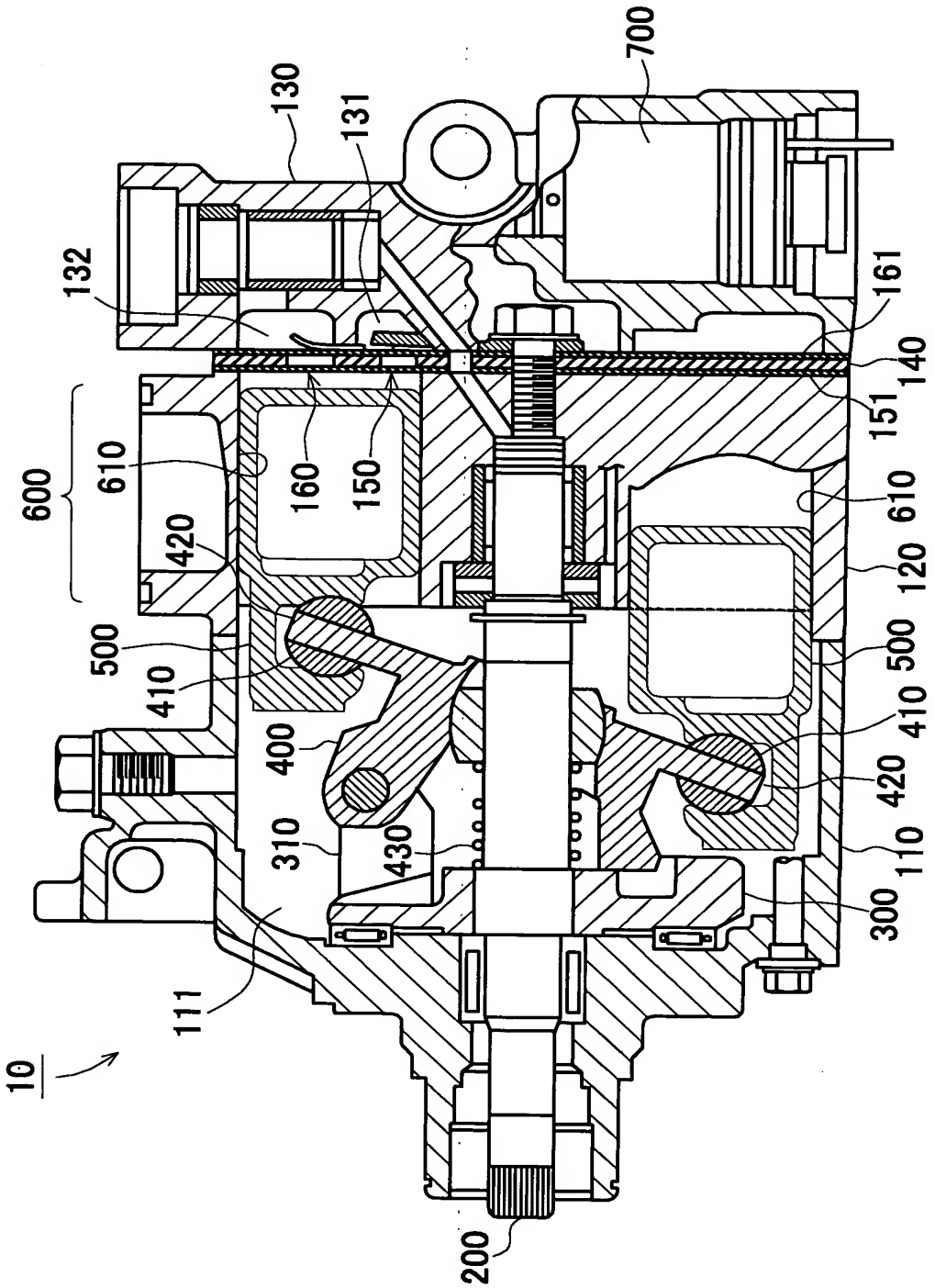
700
130
131
132
161
140
151
610
600
160
150
610
420
120
500
500
410
410
400
420
310
430
110
300
111
10
200

FIG.2

FIG.3

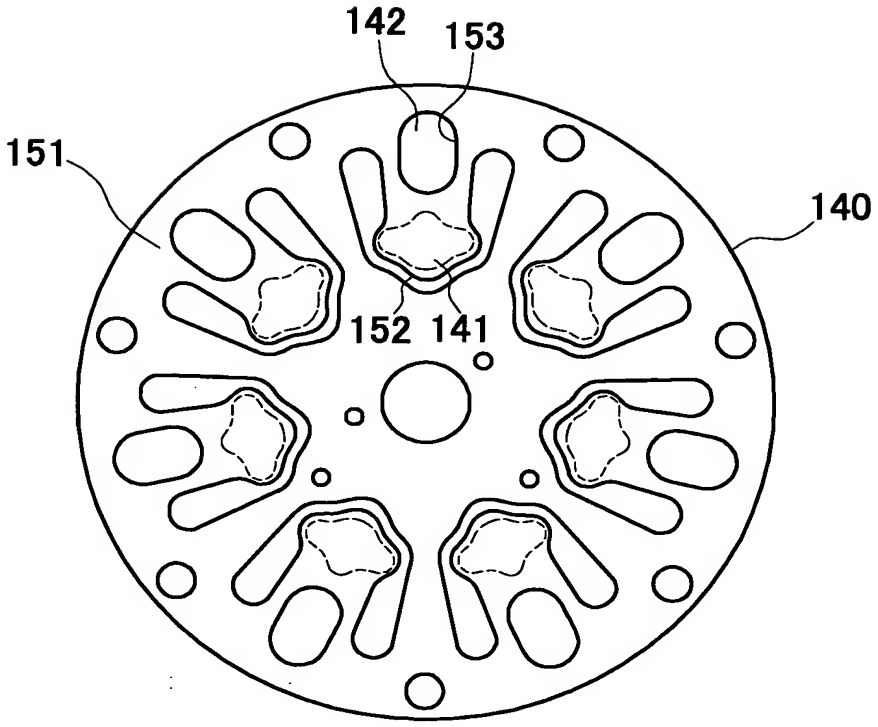

FIG.4

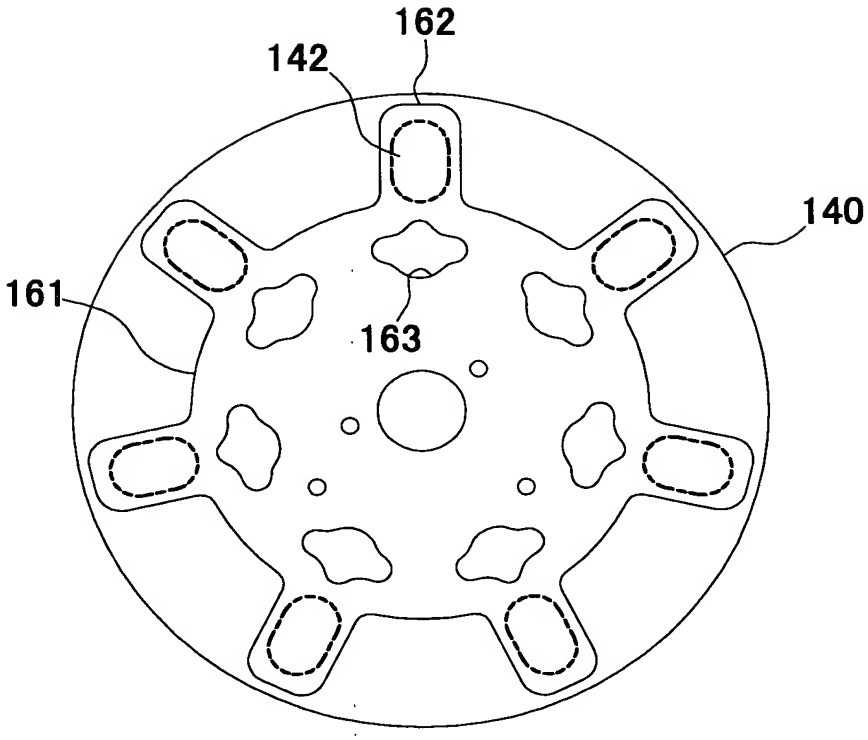

FIG.5

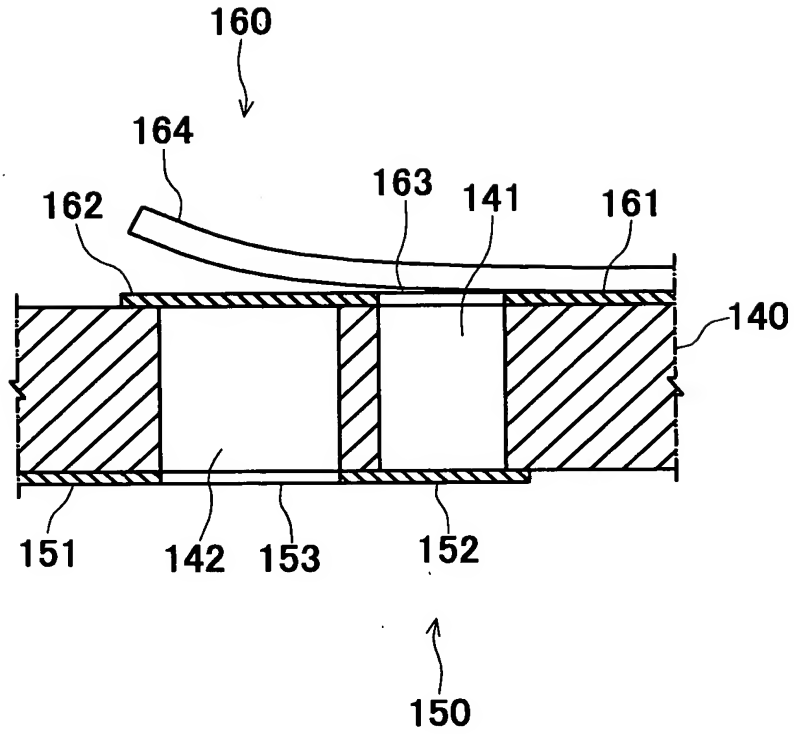

FIG.6

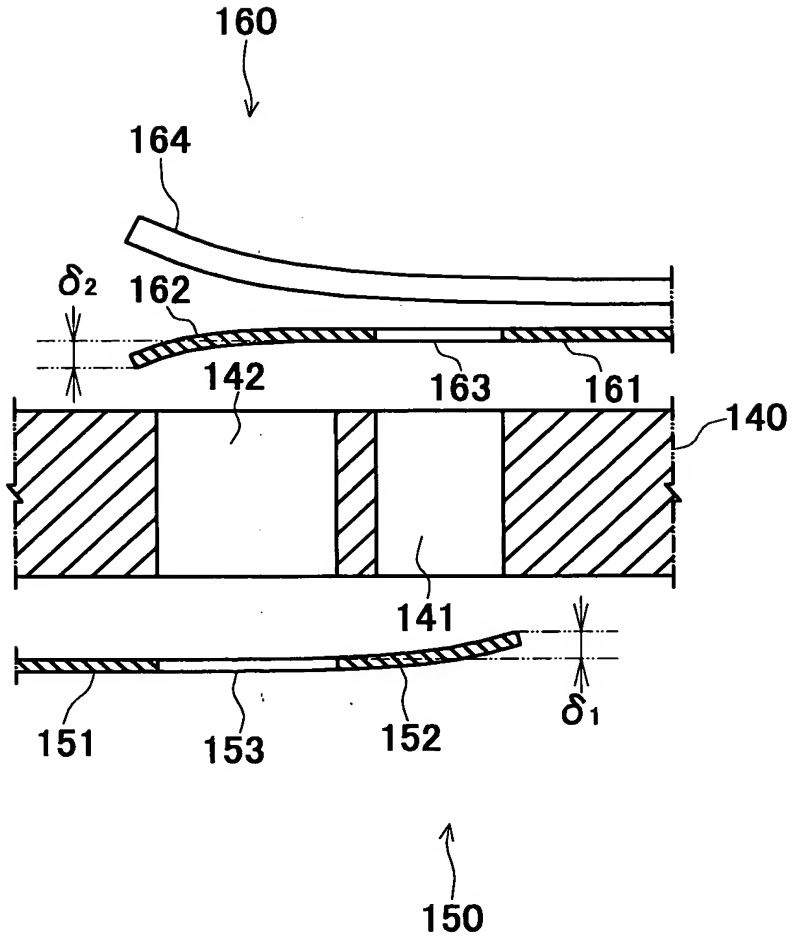

FIG.7

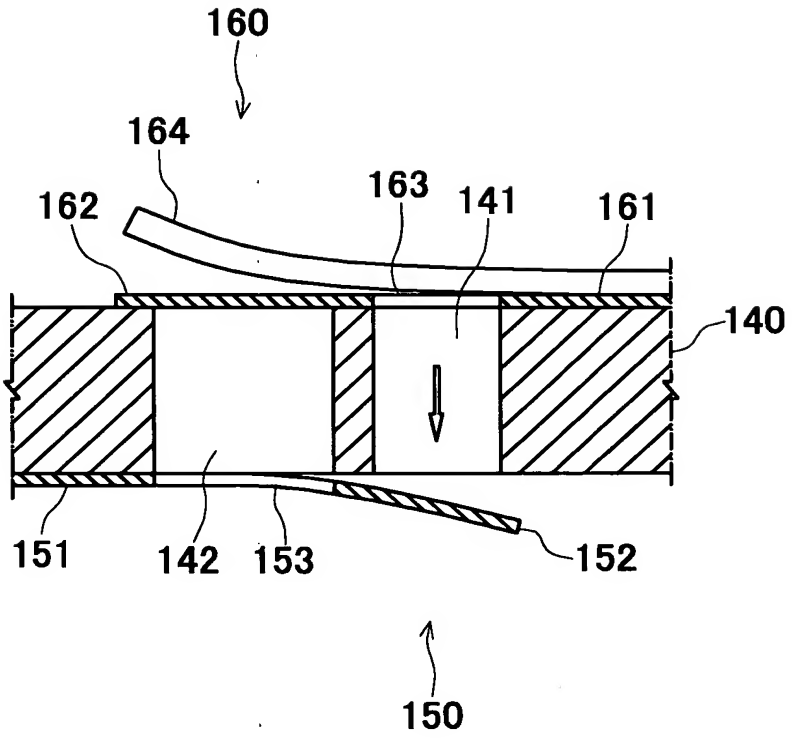

FIG.8

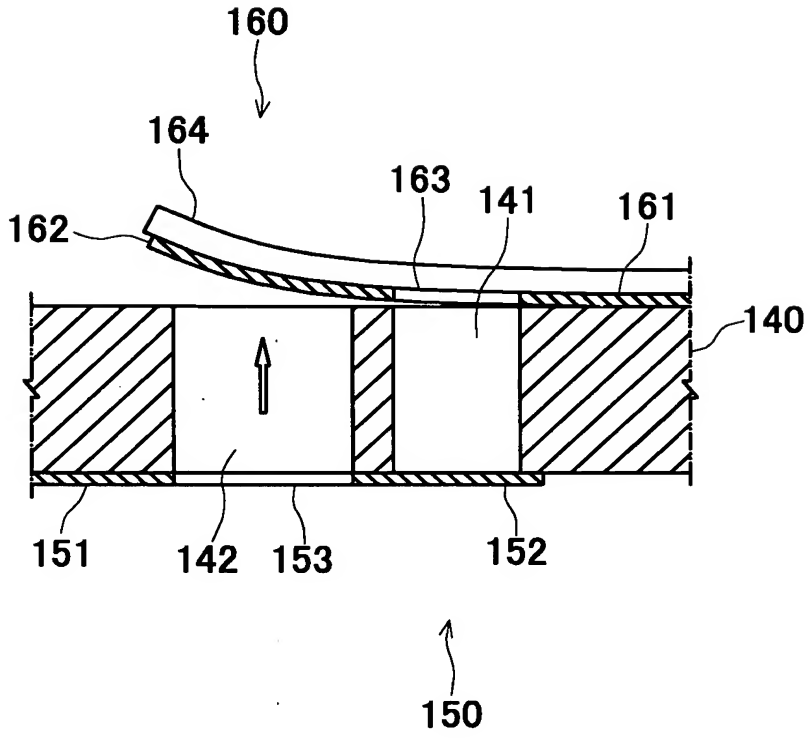

FIG.9

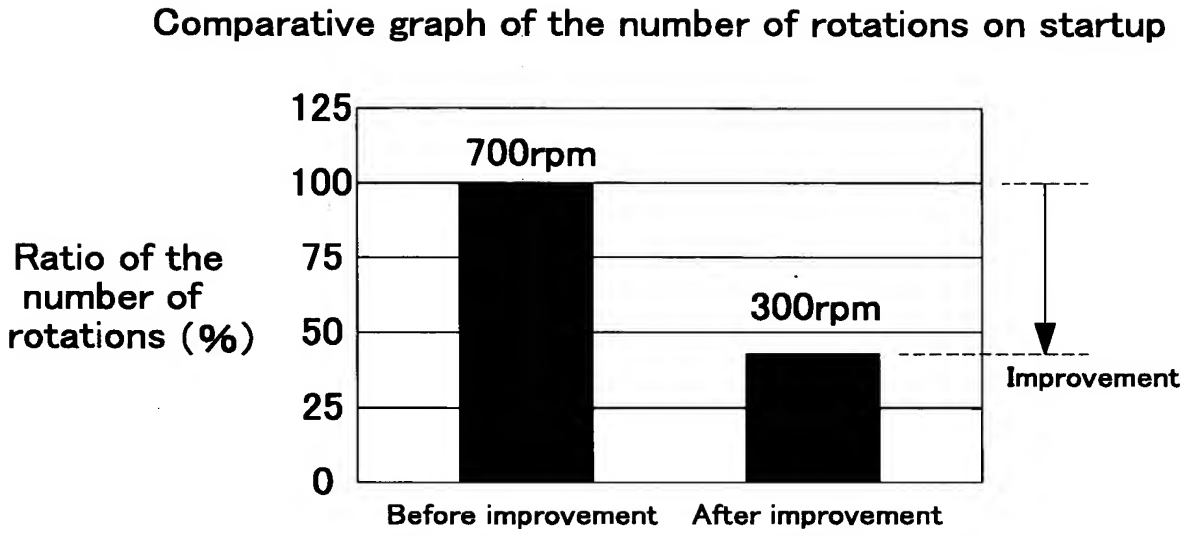
Comparative graph of the number of rotations on startup
Ratio of the number of rotations (%)
125
100
75
50
25
0
700rpm
300rpm
Improvement
Before improvement
After improvement

FIG.10

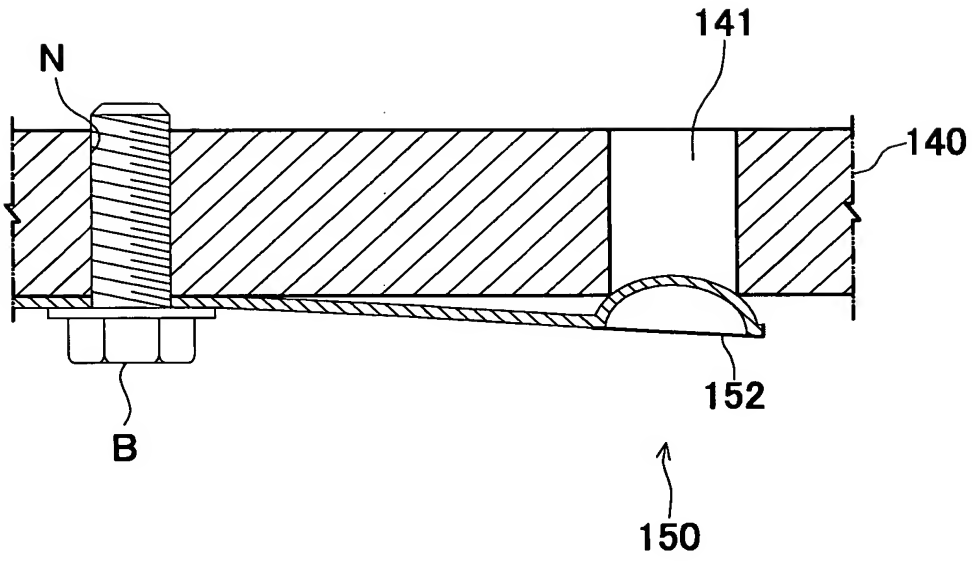

FIG.11

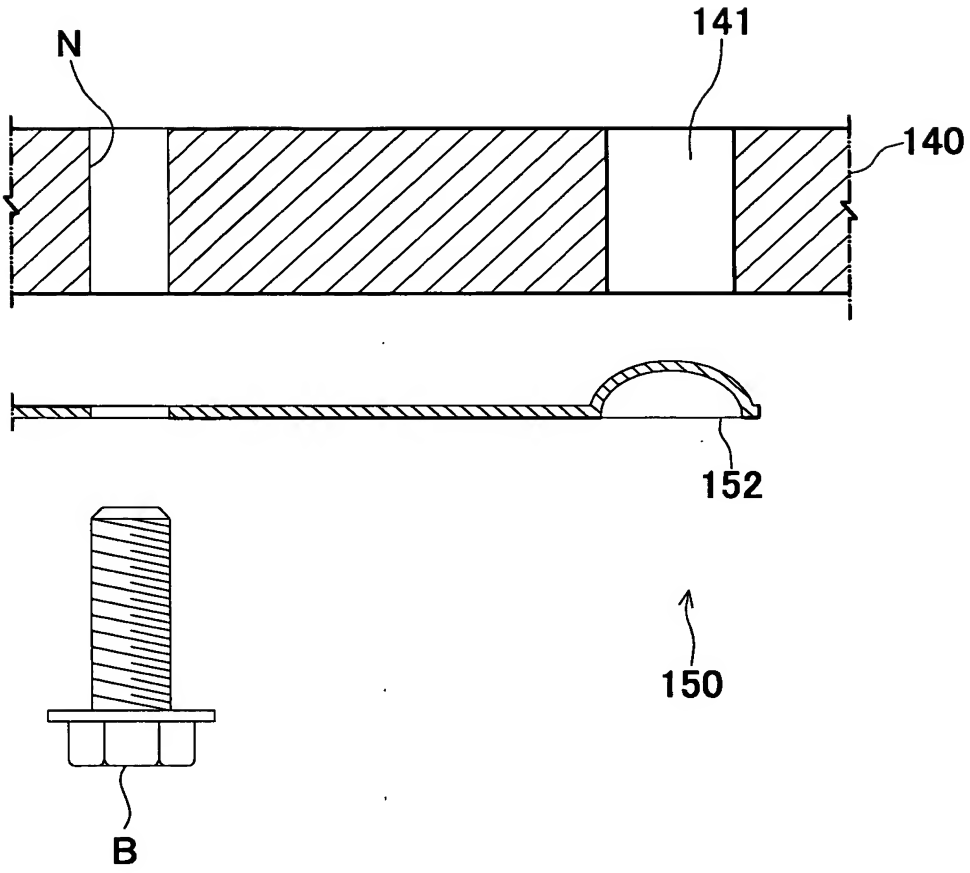

FIG.12

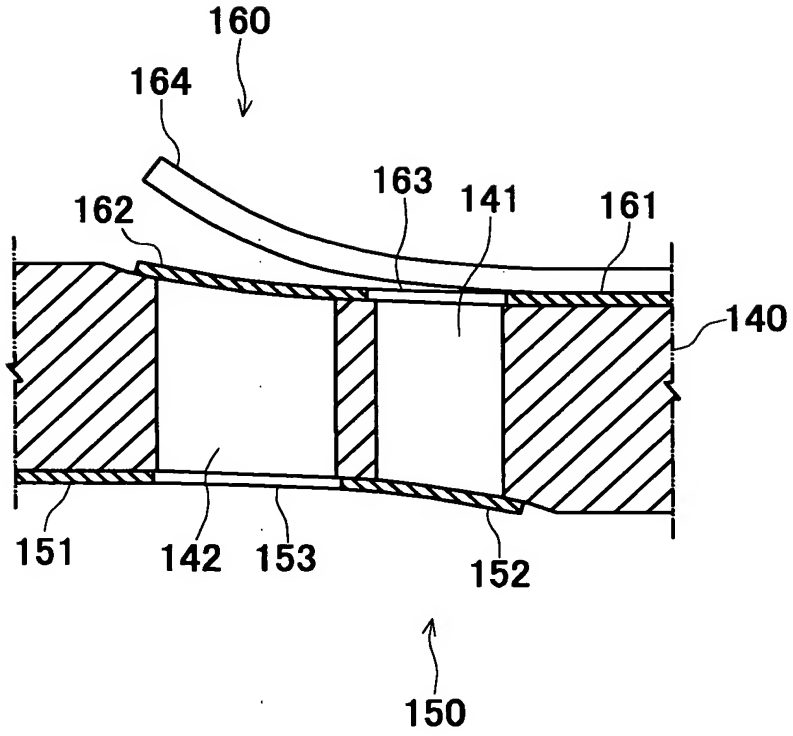
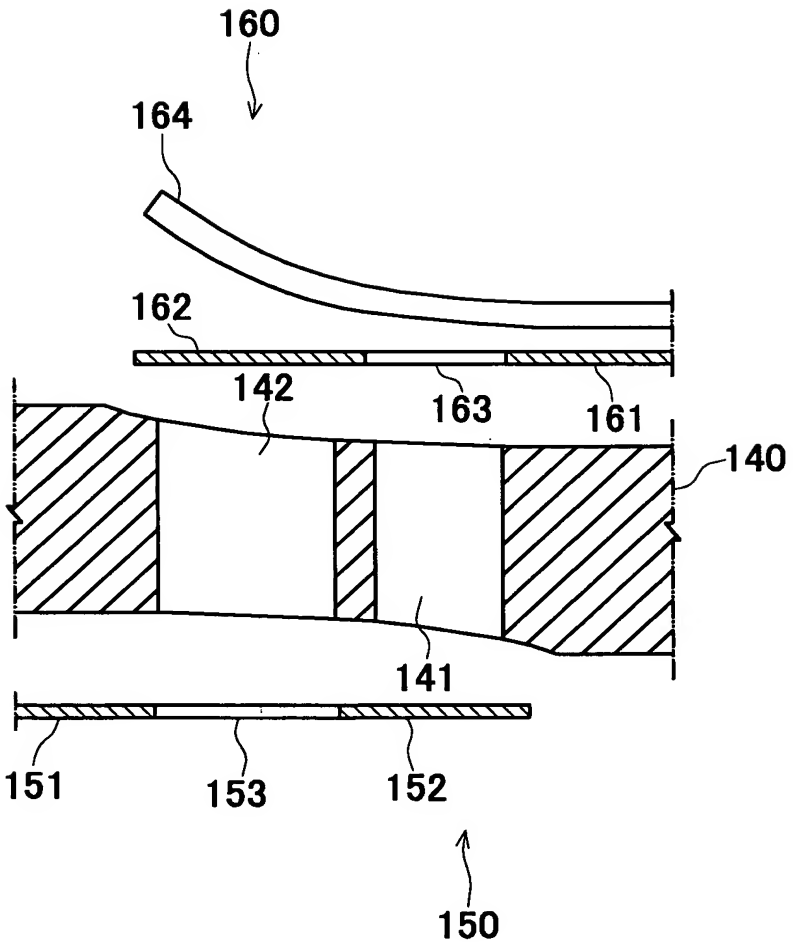
FIG.13